L Number	Hits	Search Text	DB	Time stamp
	376	neri\$.in.	USPAT; US-PGPUB	2002/06/06 10:15
-	3050	dong\$.in.	USPAT; US-PGPUB	2002/06/06 10:15
_	23	lyamichev\$.in.	USPAT; US-PGPUB	2002/06/06 10:15
_	48	brow.in.	USPAT; US-PGPUB	2002/06/06 10:16
-	2072	fors\$.in.	USPAT; US-PGPUB	2002/06/06 10:16
_	5532	neri\$.in. or dong\$.in. or lyamichev\$.in. or brow.in. or fors\$.in.	USPAT; US-PGPUB	2002/06/06 10:17
-	31220	ligase or polymerase	USPAT; US-PGPUB	2002/06/06 10:17
_	120	<pre>(neri\$.in. or dong\$.in. or lyamichev\$.in. or brow.in. or fors\$.in.) and (ligase or polymerase)</pre>	USPAT; US-PGPUB	2002/06/06 10:18
-	14597	hepatitis	USPAT; US-PGPUB	2002/06/06 10:18
-	59	hepatitis and (neri\$.in. or dong\$.in. or lyamichev\$.in. or brow.in. or fors\$.in.)	USPAT; US-PGPUB	2002/06/06 10:30
-	38	((neri\$.in. or dong\$.in. or lyamichev\$.in. or brow.in. or fors\$.in.) and (ligase or polymerase)) and hepatitis	USPAT; US-PGPUB	2002/06/06 10:41
	51054	bridging	USPAT; US-PGPUB	2002/06/06 10:42
	4	<pre>(((neri\$.in. or dong\$.in. or lyamichev\$.in. or brow.in. or fors\$.in.) and (ligase or polymerase)) and hepatitis) and bridging</pre>	USPAT; US-PGPUB	2002/06/06 10:43
	5023	hepatitis and (ligase or polymerase)	USPAT; US-PGPUB	2002/06/06 10:43
-	479364	detect or detection	USPAT; US-PGPUB	2002/06/10 09:59
_	4049	(hepatitis and (ligase or polymerase)) and (detect or detection)	USPAT; US-PGPUB	2002/06/06 10:44
-	49232	cleavage	USPAT; US-PGPUB	2002/06/06 10:44
-	14127	cleave	USPAT; US-PGPUB	2002/06/06 10:44
-	53851	cleavage or cleave	USPAT; US-PGPUB	2002/06/06 10:44
-	2739	(cleavage or cleave) and ((hepatitis and (ligase or polymerase)) and (detect or detection))	USPAT; US-PGPUB	2002/06/06 10:44
-	27058	oligonucleotide	USPAT; US-PGPUB	2002/06/06 10:45
-	2340	((cleavage or cleave) and ((hepatitis and (ligase or polymerase)) and (detect or detection))) and oligonucleotide	USPAT; US-PGPUB	2002/06/06 10:45
_	165	(((cleavage or cleave) and ((hepatitis and (ligase or polymerase)) and (detect or detection))) and oligonucleotide) and	USPAT; US-PGPUB	2002/06/06 10:50
-	52390	bridging virus or viral	USPAT; US-PGPUB	2002/06/06 10:51
-	29106	(virus or viral) and (detect or detection)	USPAT; US-PGPUB	2002/06/06 10:51
-	1282	bridging and oligonucleotide	USPAT; US-PGPUB	2002/06/06 10:51
	856	((virus or viral) and (detect or detection)) and (bridging and	USPAT; US-PGPUB	2002/06/06 10:51
-	735	oligonucleotide) (((virus or viral) and (detect or detection)) and (bridging and oligonucleotide)) and (ligase or polymerase)	USPAT; US-PGPUB	2002/06/06 10:52

~	580	((((virus or viral) and (detect or	USPAT;	2002/06/06 10:52
		detection)) and (bridging and oligonucleotide)) and (ligase or	US-PGPUB	
		polymerase)) and (cleavage or cleave)		
_	99115	contiguous	USPAT;	2002/06/06 10:52
			US-PGPUB	
_	241	(((((virus or viral) and (detect or	USPAT;	2002/06/06 12:22
		detection)) and (bridging and oligonucleotide)) and (ligase or	US-PGPUB	
		polymerase)) and (cleavage or cleave)) and		
		contiguous		())
-	241	(((((virus or viral) and (detect or	USPAT;	2002/06/06 12:22
		detection)) and (bridging and oligonucleotide)) and (ligase or	US-PGPUB	
		polymerase)) and (cleavage or cleave)) and		
		contiguous		
_	122	, , , , , ,	USPAT;	2002/06/06 12:24
		detection)) and (bridging and oligonucleotide)) and (ligase or	US-PGPUB	
		polymerase)) and (cleavage or cleave)) and	-00	
		contiguous) and @ay>1997		
	85	((((((virus or viral) and (detect or	USPAT;	2002/06/06 12:24
		detection)) and (bridging and oligonucleotide)) and (ligase or	US-PGPUB	
		polymerase)) and (cleavage or cleave)) and		
		contiguous) and @ay<1997		
-	3060	non-contiguous	USPAT;	2002/06/07 15:36
_	14131	single-stranded	US-PGPUB USPAT;	2002/06/07 15:36
	14151	Single Scianded	US-PGPUB	2002/00/07 10:00
_	2144279	second double-stranded	USPAT;	2002/06/07 15:38
	107		US-PGPUB	2002/06/07 15-26
-	197	non-contiguous and single-stranded and (second double-stranded)	USPAT; US-PGPUB	2002/06/07 15:38
_	53864	intervening	USPAT;	2002/06/07 15:38
8			US-PGPUB	
-	12		USPAT;	2002/06/07 15:39
	4	(second double-stranded) (non-contiguous same single-stranded same	US-PGPUB USPAT;	2002/06/07 15:43
	1	(second double-stranded)) same intervening	US-PGPUB	2002,00,0, 2001
_	29777	polymerase	USPAT;	2002/06/07 15:43
	12264	14	US-PGPUB USPAT;	2002/06/07 15:43
_	12264	ligase	US-PGPUB	2002/00/07 13.43
_	0	(non-contiguous near3 single-stranded)	USPAT;	2002/06/07 15:45
	_	same (ligase or polymerase)	US-PGPUB	0000/06/05 15 45
-	5	non-contiguous near3 single-stranded	USPAT; US-PGPUB	2002/06/07 15:45
_	5870	polymerase same ligase	USPAT;	2002/06/07 15:45
-			US-PGPUB	
_	11	(polymerase same ligase) same	USPAT;	2002/06/07 15:46
_	51054	non-contiguous bridging	US-PGPUB USPAT;	2002/06/07 15:46
	31034	DIIGHT	US-PGPUB	2002,00,07 10.40
-	149	bridging same (polymerase or ligase)	USPAT;	2002/06/07 15:46
	_		US-PGPUB	0000/06/05 15 :=
-	0	oligonucletide same (bridging same (polymerase or ligase))	USPAT; US-PGPUB	2002/06/07 15:47
_	141	(polymerase or ligase)) oligonucleotide and (bridging same	USPAT;	2002/06/07 15:47
		(polymerase or ligase))	US-PGPUB	
-	18	hepatitis and (oligonucleotide and	USPAT;	2002/06/07 15:47
_	18	(bridging same (polymerase or ligase))) (hepatitis and (oligonucleotide and	US-PGPUB USPAT;	2002/06/07 16:01
-	18	(bridging same (polymerase or ligase))))	US-PGPUB	2502,00707 10.03
		and target		
-	13	("5202231" "5422253" "5427930"	USPAT	2002/06/07 15:59
	-	"5429807" "5436327" "5451503" "5492806" "5494810" "5510270"		
		"5492806" "5494810		
		"6210880").PN.		

-	1	("6194149").PN.	USPAT;	2002/06/07 16:01
			US-PGPUB	
-	479364	detect or detection	USPAT;	2002/06/10 09:59
			US-PGPUB	
-	52958	diagnose or diagnosis	USPAT;	2002/06/10 09:59
			US-PGPUB	
_	497913	(detect or detection) or (diagnose or	USPAT;	2002/06/10 10:00
	10	diagnosis)	US-PGPUB	
	52390	virus or viral	USPAT;	2002/06/10 10:30
	32330	VIIUS OI VIIUI	US-PGPUB	2002/00/10 10.50
	3591	((detect or detection) or (diagnose or	USPAT;	2002/06/10 10:01
_	3391		US-PGPUB	2002/00/10 10.01
	21000	diagnosis)) near4 (virus or viral)	1	0000/06/10 10 00
_	31220	polymerase or ligase	USPAT;	2002/06/10 10:30
			US-PGPUB	
-	12117	endonuclease	USPAT;	2002/06/10 10:01
			US-PGPUB	
_	32826	(polymerase or ligase) or endonuclease	USPAT;	2002/06/10 10:01
			US-PGPUB	
_	163	((polymerase or ligase) or endonuclease)	USPAT;	2002/06/10 10:01
		near5 (((detect or detection) or (diagnose	US-PGPUB	
		or diagnosis)) near4 (virus or viral))		
	14597	hepatitis	USPAT;	2002/06/10 10:02
	14397	Hepacicis	US-PGPUB	2002/00/10 10:02
:	87	(((polymerase or ligase) or endonuclease)	USPAT;	2002/06/10 10:04
_	0 /		US-PGPUB	2002/06/10 10:04
		near5 (((detect or detection) or (diagnose	US-PGPUB	
		or diagnosis)) near4 (virus or viral)))		
		and hepatitis		
_	125	(((polymerase or ligase) or endonuclease)	USPAT;	2002/06/10 10:04
		near5 (((detect or detection) or (diagnose	US-PGPUB	
		or diagnosis)) near4 (virus or viral)))		
		and oligonucleotide		
-	4282	hepatitis and oligonucleotide	USPAT;	2002/06/10 10:03
			US-PGPUB	
	69	((((polymerase or ligase) or endonuclease)	USPAT;	2002/06/10 10:03
		near5 (((detect or detection) or (diagnose	US-PGPUB	
		or diagnosis)) near4 (virus or viral)))		
		and hepatitis) and oligonucleotide		
_	83	((((polymerase or ligase) or endonuclease)	USPAT;	2002/06/10 10:29
		near5 (((detect or detection) or (diagnose	US-PGPUB	
		or diagnosis)) near4 (virus or viral)))	00 10100	
		and oligonucleotide) and @ay<1997		
_	60262		HCDAW.	2002/06/10 10:29
-	69263	nucleotide or primer or oligonucleotide	USPAT;	2002/06/IO IO:29
	0		US-PGPUB	0000/06/10 10 55
_	31804	polymerase or ligase	USPAT;	2002/06/10 10:30
			US-PGPUB	
-	59506	virus or viral	USPAT;	2002/06/10 10:30
			US-PGPUB	
·		I		<u> </u>

L Number	Hits	Search Text	DB	Time stamp
-	64	lyamichev\$.in.	USPAT;	2002/06/26 13:21
			US-PGPUB;	
			EPO; JPO;	
	7410		DERWENT	0000/05/54
-	7412	fors\$.in.	USPAT;	2002/06/21 12:20
			US-PGPUB;	
			EPO; JPO;	
_	1317	neri\$.in.	DERWENT USPAT;	2002/06/21 12:20
	1917	Herra.in.	US-PGPUB;	2002/00/21 12:20
			EPO; JPO;	
			DERWENT	
_	131	brow.in.	USPAT;	2002/06/21 12:20
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
	163	fors.in.	USPAT;	2002/06/21 12:20
			US-PGPUB;	
			EPO; JPO;	1
			DERWENT	
_	63	lyamichev.in.	USPAT;	2002/06/21 12:21
			US-PGPUB;	
			EPO; JPO; DERWENT	
_	56	prudent.in.	USPAT;	2002/06/21 12:21
	50	practic. III.	US-PGPUB;	2002/00/21 12.21
			EPO; JPO;	
			DERWENT	
-	6786	dong.in.	USPAT;	2002/06/21 12:21
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	28157	anderson.in.	USPAT;	2002/06/21 12:21
			US-PGPUB;	
			EPO; JPO;	
*		, , , , ,	DERWENT	0000/06/01 10 00
-	577	dahlberg.in.	USPAT;	2002/06/21 12:22
			US-PGPUB;	
			EPO; JPO; DERWENT	
_	35823	brow.in. or fors.in. or lyamichev.in. or	USPAT:	2002/06/21 12:23
	55025	prudent.in. or dong.in. or anderson.in. or	US-PGPUB;	2002,00,21 12.20
		dahlberg.in.	EPO; JPO;	
			DERWENT	
- 1	340		USPAT;	2002/06/21 12:22
*		prudent.in. or dong.in. or anderson.in. or	US-PGPUB;	
		dahlberg.in.) and polymerase	EPO; JPO;	-X-
			DERWENT	0000/05/01 15 55
-	136	(brow.in. or fors.in. or lyamichev.in. or	USPAT;	2002/06/21 12:22
		prudent.in. or dong.in. or anderson.in. or dahlberg.in.) and ligase	US-PGPUB;	
		daminerg.in., and rigase	EPO; JPO;	
_	167	(brow.in. or fors.in. or lyamichev.in. or	DERWENT USPAT;	2002/06/21 12:22
	107	prudent.in. or dong.in. or anderson.in. or	US-PGPUB;	2002/00/21 12.22
. 1		dahlberg.in.) and hepatitis	EPO; JPO;	
			DERWENT	A Control of the Cont
_	74	((brow.in. or fors.in. or lyamichev.in. or	USPAT;	2002/06/21 12:23
		prudent.in. or dong.in. or anderson.in. or	US-PGPUB;	
		dahlberg.in.) and hepatitis) and	EPO; JPO;	
(4)		polymerase	DERWENT	
-	42	1	USPAT;	2002/06/21 12:23
		prudent.in. or dong.in. or anderson.in. or	US-PGPUB;	
		dahlberg.in.) and hepatitis) and ligase	EPO; JPO;	
			DERWENT	0000406405 55
-	893		USPAT;	2002/06/25 13:53
		prudent.in. or dahlberg.in.	US-PGPUB;	
			EPO; JPO;	
			DERWENT	

-	40	(brow.in. or fors.in. or lyamichev.in. or prudent.in. or dahlberg.in.) and	USPAT; US-PGPUB;	2002/06/21 12:47
		polymerase	EPO; JPO; DERWENT	
-	15	(brow.in. or fors.in. or lyamichev.in. or prudent.in. or dahlberg.in.) and ligase	USPAT; US-PGPUB; EPO; JPO;	2002/06/21 12:24
_	40	(brow.in. or fors.in. or lyamichev.in. or prudent.in. or dahlberg.in.) and polymerase	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/06/21 12:52
-	178	mullis.in.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/06/21 12:50
-	22639	polymerase adj chain adj reaction	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/06/21 12:51
	24	mullis.in. and (polymerase adj chain adj reaction)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/21 12:51
-	363290	bridge or bridging	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/21 12:53
-	11	((brow.in. or fors.in. or lyamichev.in. or prudent.in. or dahlberg.in.) and polymerase) and (bridge or bridging)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/21 12:53
-	895	brow.in. or fors.in. or lyamichev.in. or prudent.in. or dahlberg.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/25 13:54
-	1848	single with double with stranded with region	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/25 13:54
-	25	(brow.in. or fors.in. or lyamichev.in. or prudent.in. or dahlberg.in.) and (single with double with stranded with region)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/25 13:55
_	15	((brow.in. or fors.in. or lyamichev.in. or prudent.in. or dahlberg.in.) and (single with double with stranded with region)) and ligase	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/25 13:55
_	54		USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/25 13:56
_	3	region) same ligase) and (brow.in. or fors.in. or lyamichev.in. or prudent.in.	USPAT; US-PGPUB; EPO; JPO;	2002/06/25 13:56
_	2	or dahlberg.in.) ("6194149").PN.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/06/25 14:15
_	472092	seven or ten	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/25 14:15
_	1	(("6194149").PN.) and (seven or ten)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/25 14:15

_			HODAM.	2002/06/26 13:21
-	2	("6372427").PN.	USPAT; US-PGPUB;	2002/06/26 13:21
			EPO; JPO;	
			DERWENT	İ
	1349183	cut or cleave or cleaved	USPAT;	2002/06/26 13:21
_	1349103	cut of cleave of cleaved	US-PGPUB;	2002/00/20 13.21
			EPO; JPO;	
'	5		DERWENT	
_	372914	digest or digestion or restrict or	USPAT;	2002/06/26 13:22
	3,2314	restriction	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
	24127	nuclease or endonuclease	USPAT;	2002/06/26 13:22
			US-PGPUB;	·
			EPO; JPO;	
			DERWENT	
_	1632127	(cut or cleave or cleaved) or (digest or	USPAT;	2002/06/26 13:22
		digestion or restrict or restriction) or	US-PGPUB;	
•		(nuclease or endonuclease)	EPO; JPO;	
			DERWENT	
-	1	(("6372427").PN.) and ((cut or cleave or	USPAT;	2002/06/26 13:24
		cleaved) or (digest or digestion or	US-PGPUB;	
		restrict or restriction) or (nuclease or	EPO; JPO;	
		endonuclease))	DERWENT	
	3643	non-target	USPAT;	2002/06/26 13:25
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	121948	DNA	USPAT;	2002/06/26 13:25
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	1888	non-target and DNA	USPAT;	2002/06/26 13:25
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	0000/06/06 10 05
-	1650		USPAT;	2002/06/26 13:25
}		or cleaved) or (digest or digestion or	US-PGPUB;	
		restrict or restriction) or (nuclease or	EPO; JPO;	-
	1 4 4	endonuclease))	DERWENT USPAT;	2002/06/26 13:26
-	144	((non-target and DNA) and ((cut or cleave or cleaved) or (digest or digestion or	US-PGPUB;	2002/00/20 13.20
		restrict or restriction) or (nuclease or	EPO; JPO;	
		endonuclease))) and @py<1996	DERWENT	
1_	99		USPAT;	2002/06/26 13:26
-		or cleaved) or (digest or digestion or	US-PGPUB;	
		restrict or restriction) or (nuclease or	EPO; JPO;	
		endonuclease))) and @py<1996) and	DERWENT	
		(oligonucleotide or primer)		
_	85		USPAT;	2002/06/26 13:26
1		cleave or cleaved) or (digest or digestion	US-PGPUB;	
		or restrict or restriction) or (nuclease	EPO; JPO;	
		or endonuclease))) and @py<1996) and	DERWENT	
		(oligonucleotide or primer)) and detection		
_	91		USPAT;	2002/06/26 13:27
		cleave or cleaved) or (digest or digestion	US-PGPUB;	
	1	or restrict or restriction) or (nuclease	EPO; JPO;	
		or endonuclease))) and @py<1996) and	DERWENT	
		(oligonucleotide or primer)) and (detect		
		or detection)		
	•			

L Number	Hits	Search Text	DB	Time stamp
_	10	pyrococcus adj woesii	USPAT;	2002/06/20 15:32
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	78	methanococcus adj jannaschii	USPAT;	2002/06/20 15:33
		,	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	312	pyrococcus adj furiosus	USPAT;	2002/06/20 15:33
	012	P1====================================	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	32	archaeoglobus adj fulgidus	USPAT;	2002/06/20 15:33
	52	440	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
	22	fen adj2 endonuclease	USPAT;	2002/06/20 15:34
-	22	Ten adja chdondorodo	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
	1	(archaeoglobus adj fulgidus) with (fen	USPAT;	2002/06/20 15:34
-	7.	adj2 endonuclease)	US-PGPUB;	
		adjz endonaciease/	EPO; JPO;	
Ĭ			DERWENT	
3	3	(pyrococcus adj furiosus) with (fen adj2	USPAT;	2002/06/20 15:35
-	3	endonuclease)	US-PGPUB;	
		endonactease)	EPO; JPO;	
			DERWENT	
	5	(methanococcus adj jannaschii) with (fen	USPAT;	2002/06/20 15:35
-	5	adj2 endonuclease)	US-PGPUB;	_, _, _, _, _, _, _, _, _, _, _, _, _, _
		adjz endonuciease/	EPO; JPO;	
			DERWENT	
	4	(pyrococcus adj woesii) with (fen adj2	USPAT;	2002/06/20 15:35
-	4		US-PGPUB;	
		endonuclease)	EPO; JPO;	1
			DERWENT	

L Number	Hits		DB	Time stamp
-	110195	virus or viral	USPAT;	2002/06/10 16:01
			US-PGPUB;	
			EPO; JPO;	
_	1689010	detect or detection	DERWENT USPAT;	2002/06/10 14:41
_	1009010	detect of detection	US-PGPUB;	2002/06/10 14:41
,			EPO; JPO;	
			DERWENT	
-	140922	diagnose or diagnosis	USPAT;	2002/06/10 14:41
			US-PGPUB;	
			EPO; JPO;	
	1772120		DERWENT	2002/06/10 16:04
_	1773139	(detect or detection) or (diagnose or diagnosis)	USPAT; US-PGPUB;	2002/06/10 16:04
		diagnosis	EPO; JPO;	
1			DERWENT	
-	43861	(virus or viral) and ((detect or	USPAT;	2002/06/10 14:42
		detection) or (diagnose or diagnosis))	US-PGPUB;	
			EPO; JPO;	
	44.000		DERWENT	0000/05/10 15 00
-	114328	oligonucleotide or polynucleotide or	USPAT;	2002/06/10 16:02
		primer	US-PGPUB; EPO; JPO;	
			DERWENT	
_	24579	((virus or viral) and ((detect or	USPAT;	2002/06/10 14:43
		detection) or (diagnose or diagnosis)))	US-PGPUB;	
ļ		and (oligonucleotide or polynucleotide or	EPO; JPO;	
		primer)	DERWENT	
-	13939	ligase	USPAT;	2002/06/10 14:43
			US-PGPUB;	
			EPO; JPO;	
	191245	endonuclease or nuclease or restriction	DERWENT USPAT;	2002/06/10 16:02
	191243	endonuclease of nuclease of lestifiction	US-PGPUB;	2002/00/10 10:02
			EPO; JPO;	
			DERWENT	
-	37158	polymerase	USPAT;	2002/06/10 14:44
J			US-PGPUB;	
			EPO; JPO;	
	203944	ligase or (endonuclease or nuclease or	DERWENT USPAT;	2002/06/10 14:44
-	203944	restriction) or polymerase	US-PGPUB;	2002/00/10 14.44
		reported of borlimerape	EPO; JPO;	
ì		*	DERWENT	
- [24579	(((virus or viral) and ((detect or	USPAT;	2002/06/10 14:44
		detection) or (diagnose or diagnosis)))	US-PGPUB;	
		and (oligonucleotide or polynucleotide or	EPO; JPO;	
	04550	primer)) and (virus or viral)	DERWENT	2002/06/10 14.45
-	24579	((((virus or viral) and ((detect or detection) or (diagnose or diagnosis)))	USPAT; US-PGPUB;	2002/06/10 14:45
		and (oligonucleotide or polynucleotide or	EPO; JPO;	
		primer)) and (virus or viral)) and ay<1997	DERWENT	
_	11894	((((virus or viral) and ((detect or	USPAT;	2002/06/10 14:48
	22001	detection) or (diagnose or diagnosis)))	US-PGPUB;	
		and (oligonucleotide or polynucleotide or	EPO; JPO;	
		primer)) and (virus or viral)) and	DERWENT	
		@ay<1997		0000/06/10 14 10
(i)	2495		USPAT;	2002/06/10 14:49
		detection) or (diagnose or diagnosis))) and (oligonucleotide or polynucleotide or	US-PGPUB; EPO; JPO;	
		primer)) and (virus or viral)) and	DERWENT	
ł		@ay<1997) not chain	DIIMINI	
- 1	1967	((((((virus or viral) and ((detect or	USPAT;	2002/06/10 14:49
		detection) or (diagnose or diagnosis)))	US-PGPUB;	
(and (oligonucleotide or polynucleotide or	EPO; JPO;	
İ		primer)) and (virus or viral)) and	DERWENT	
		@ay<1997) not chain) not pcr	1	i

_	441	(((((((virus or viral) and ((detect or detection) or (diagnose or diagnosis)))	USPAT; US-PGPUB; EPO; JPO;	2002/06/10 14:49
		and (oligonucleotide or polynucleotide or primer)) and (virus or viral)) and (ay<1997) not chain) not pcr) and	DERWENT	
-	2718952	hepatitis contiguous or continuous or adjacent	USPAT; US-PGPUB; EPO; JPO;	2002/06/10 16:05
_	201	<pre>(((((((((virus or viral) and ((detect or detection) or (diagnose or diagnosis)))</pre>	DERWENT USPAT; US-PGPUB;	2002/06/10 15:12
		and (oligonucleotide or polynucleotide or primer)) and (virus or viral)) and (ay<1997) not chain) not pcr) and hepatitis) and (contiguous or continuous	EPO; JPO; DERWENT	
		or adjacent)	TICDAM.	2002/06/10 15:08
-	1 1	6153961.URPN. ("6051374").PN.	USPAT USPAT; US-PGPUB	2002/06/10 15:20
_	6744	<pre>(((((virus or viral) and ((detect or detection) or (diagnose or diagnosis))) and (oligonucleotide or polynucleotide or primer)) and (virus or viral)) and</pre>	USPAT; US-PGPUB	2002/06/10 15:21
_	5015	<pre>@ay<1997) and (cleave or cleavage) ((((((virus or viral) and ((detect or detection) or (diagnose or diagnosis))) and (oligonucleotide or polynucleotide or</pre>	USPAT; US-PGPUB	2002/06/10 15:21
	×	primer)) and (virus or viral)) and (eay<1997) and (cleave or cleavage)) and (contiguous or continuous or adjacent)		4
_	135605	amplify or amplification	USPAT; US-PGPUB	2002/06/10 15:21
_	27710	pcr	USPAT; US-PGPUB	2002/06/10 15:22
_	142863	(amplify or amplification) or pcr	USPAT; US-PGPUB	2002/06/10 15:22
	973	<pre>(((((((virus or viral) and ((detect or detection) or (diagnose or diagnosis))) and (oligonucleotide or polynucleotide or primer)) and (virus or viral)) and @ay<1997) and (cleave or cleavage)) and (contiguous or continuous or adjacent))</pre>	USPAT; US-PGPUB	2002/06/10 15:25
_	202325	not ((amplify or amplification) or pcr) bridge or bridging	USPAT; US-PGPUB	2002/06/10 15:24
-	361853	bridge or bridging	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 15:25
-	977	(((((((virus or viral) and ((detect or detection) or (diagnose or diagnosis))) and (oligonucleotide or polynucleotide or primer)) and (virus or viral)) and (eay<1997) and (cleave or cleavage)) and (contiguous or continuous or adjacent))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 15:26
	162	not ((amplify or amplification) or pcr) (bridge or bridging) and (((((((virus or viral) and ((detect or detection) or (diagnose or diagnosis))) and (oligonucleotide or polynucleotide or primer)) and (virus or viral)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 15:27
_	110195	@ay<1997) and (cleave or cleavage)) and (contiguous or continuous or adjacent)) not ((amplify or amplification) or pcr))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:02

-	114328	oligonucleotide or polynucleotide or primer	USPAT; US-PGPUB;	2002/06/10 16:02
			EPO; JPO; DERWENT	
_	191245	endonuclease or nuclease or restriction	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:03
_	103670	cleave or cleavage or digest	USPAT; US-PGPUB; EPO; JPO;	2002/06/10 16:03
_	32150	(virus or viral) and (oligonucleotide or polynucleotide or primer)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/06/10 16:03
_	267863	(endonuclease or nuclease or restriction) or (cleave or cleavage or digest)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/06/10 16:03
-	23564	((virus or viral) and (oligonucleotide or polynucleotide or primer)) and ((endonuclease or nuclease or restriction) or (cleave or cleavage or digest))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:04
_	1773139	(detect or detection) or (diagnose or diagnosis)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:04
-	19079	<pre>(((virus or viral) and (oligonucleotide or polynucleotide or primer)) and ((endonuclease or nuclease or restriction) or (cleave or cleavage or digest))) and ((detect or detection) or (diagnose or diagnosis))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:04
_	2718952	contiguous or continuous or adjacent	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:06
_	8976	(virus or viral) with (oligonucleotide or polynucleotide or primer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:06
_	323	((virus or viral) with (oligonucleotide or polynucleotide or primer)) with ((endonuclease or nuclease or restriction) or (cleave or cleavage or digest))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:06
_	4	(((virus or viral) with (oligonucleotide or polynucleotide or primer)) with ((endonuclease or nuclease or restriction) or (cleave or cleavage or digest))) with	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:06
_	198	(contiguous or continuous or adjacent) (((virus or viral) with (oligonucleotide or polynucleotide or primer)) with ((endonuclease or nuclease or restriction) or (cleave or cleavage or digest))) and	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:09
_	11	(contiguous or continuous or adjacent) (((virus or viral) with (oligonucleotide or polynucleotide or primer)) with ((endonuclease or nuclease or restriction) or (cleave or cleavage or digest))) same	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/10 16:07
		(contiguous or continuous or adjacent)		

L Number	Hits	Search Text	DB	Time stamp
-	3600	non-target	USPAT;	2002/06/11 16:19
			US-PGPUB;	
		·	EPO; JPO;	
1			DERWENT;	
	E 3.0		IBM_TDB	2002/06/11 16-10
-	532	nontarget	USPAT;	2002/06/11 16:19
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	3934	non-target or nontarget	USPAT;	2002/06/11 17:29
	3334	Non-target or nontarget	US-PGPUB;	2002/00/11 17.29
			EPO; JPO;	
			DERWENT;	
-			IBM TDB	
_	372251	digest or digestion or restrict or	USPAT;	2002/06/11 16:20
		restriction	US-PGPUB;	
i			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	79161	cleave or cleavage or endonuclease or	USPAT;	2002/06/11 16:21
		nuclease	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	419542		USPAT;	2002/06/11 16:21
		restriction) or (cleave or cleavage or	US-PGPUB;	
		endonuclease or nuclease)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
~	3934	(non-target or nontarget) and (non-target	USPAT;	2002/06/11 16:21
		or nontarget)	US-PGPUB;	
			EPO; JPO;	
		The state of the s	DERWENT;	
}	04.00		IBM_TDB	2000/06/11 16:01
-	2108	(non-target or nontarget) and ((digest or	USPAT;	2002/06/11 16:21
1		digestion or restrict or restriction) or	US-PGPUB;	
		(cleave or cleavage or endonuclease or	EPO; JPO;	
		nuclease))	DERWENT;	
1	016	(IBM_TDB	2002/06/11 16:21
_	216	,	USPAT;	2002/06/11 16:21
		digestion or restrict or restriction) or	US-PGPUB; EPO; JPO;	
		(cleave or cleavage or endonuclease or nuclease))	DERWENT;	
		nuclease//	IBM TDB	
	84	(non-target or nontarget) with ((digest or	USPAT;	2002/06/11 16:23
_	PO	digestion or restrict or restriction) or	US-PGPUB;	2002/00/11 10:23
1		(cleave or cleavage or endonuclease or	EPO; JPO;	in .
		nuclease))	DERWENT;	
			IBM TDB	1
_	55	((non-target or nontarget) with ((digest	USPAT;	2002/06/11 16:23
		or digestion or restrict or restriction)	US-PGPUB;	
		or (cleave or cleavage or endonuclease or	EPO; JPO;	
		nuclease))) and @ay<1997	DERWENT;	
			IBM TDB	
_	20	("4511502" "4511503" "4512922"	USPAT	2002/06/11 17:27
		"4518526" "4683195" "4683202"		
		"4775619" "4876187" "5011769"		
j		"5108892" "5118605" "5210015"		
		"5403711" "5422253" "5427930"		
		"5487972" "5494810" "5541311"		
1		"5545729" "5614402").PN.	ļ	
-	328	primer with cleave	USPAT;	2002/06/11 17:28
}			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
ì			IBM TDB	1

1350 primer with cleavage 105-ROWING					
- 1350 primer with cleavage FEO, JPO, DR.REFNY; I.M. TOB U.S. PATE U.S.	-	625	primer with cleaved		2002/06/11 17:28
1350 primer with cleavage DERMENT; IRM TOB USPAT; US-PGUUB; EED, 370; USPAT; US-PGUB; EED, 370; USPAT; US-PGUB; EED, 370; USPAT; US-PGUB; EED, 370; USPAT; US-PGUB; EED, 370; USPAT; USPA					
1350 primer with cleavage IBM TDB IBM					
- 1619 oligonucleotide with cleave					
- 1619 oligonucleotide with cleaved USPAT; IRM TOB	_	1350	primer with cleavage	USPAT;	2002/06/11 17:28
- 731 oligonucleotide with cleave					
- 1619 oligonucleotide with cleave USPAT; US-ECFUB; EPO, JEO; DERMENT; INCLUDE USPAT; US-ECFUB; EPO, JEO; DERMENT; INCLUDE US-ECFUB; EPO, JEO; DERMENT; INCLUDE US-ECFUB; EPO, JEO; DERMENT; INCLUDE US-ECFUB; EPO, JEO; DERMENT; INCLUDE US-ECFUB; EPO, JEO; DERMENT; INCLUDE US-ECFUB; EPO, JEO; DERMENT; INCLUDE US-ECFUB; EPO, JEO; DERMENT; INCLUDE US-ECFUB; EPO, JEO; DERMENT; INCLUDE USPAT; US-ECFUB; EPO, JEO; DERMENT; INCLUDE USPAT; US-ECFUB; EPO, JEO; DERMENT; INCLUDE USPAT; US-ECFUB; EPO, JEO; DERMENT; INCLUDE USPAT; US-ECFUB; EPO, JEO; DERMENT; INCLUDE USPAT; US-ECFUB; EPO, JEO; DERMENT; INCLUDE USPAT; US-ECFUB; EPO, JEO; DERMENT; INCLUDE USPAT; US-ECFUB; EPO, JEO; DERMENT; INCLUDE USPAT; US-ECFUB; EPO, JEO; JEO; JEO; JEO; JEO; JEO; JEO; JEO;	J				
- 1619 oligonucleotide with cleave					
1619 oligonucleotide with cleaved US-PGEUB; EPO, JPO; DERMENT; ITM TDB USPAT;		721	oliconyalootida with alooma		2002/06/11 17:20
- 1619 oligonucleotide with cleaved USFAT; USFAT(BM TDB USFAT); USFAT(BM	-	/31	Oligonucleotide with cleave		2002/08/11 17:28
- 1619 oligonucleotide with cleaved	1			EPO: JPO:	
- 1619 oligonuclectide with cleaved USPAT; U					
- 3555 oligonucleotide with cleavage					
- 3555 oligonucleotide with cleavage EPO; JPO; DERWENT; IBM TDB USPAT; USP-POFUB; EPO; JPO; DERWENT; IBM TDB USPA	-	1619	oligonucleotide with cleaved	USPAT;	2002/06/11 17:28
- 3555 oligonucleotide with cleavage DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; DERWENT; ISM TDB USPÄT; US-PGPUB; EPG; JPG; JPG; DERWENT; ISM				US-PGPUB;	
- 3555 oligonucleotide with cleavage SPAT; US-PGUB; EPO, JPO; DERWENT; IBM TDB 2002/06/11 17:29 2002/06/11 17:35 2002/06/11 17:36 2002/0					
- 3555 oligonucleotide with cleavage				1	
- \$864 (primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonuclectide with cleavage) or (oli		0555			0000/06/11 17 00
- S864 (primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonucleotide with cleavage) or (oli	-	3555	oligonucleotide with cleavage		2002/06/11 17:29
- S864 (primer with cleave) or (primer with cleaved) or (primer with cleaved) or (primer with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (primer) (primer) (primer) (primer) (primer) (primer) (primer) (primer) (primer) (primer) (primer) (prim					
- S864 (primer with cleave) or (primer with cleaved) or (oligonucleotide w				1	
5864					
Cleaved or (primer with cleavage) or (oligonucleotide with cleave) or (oligonucleotide with cleavage) or (oligonucleot		5864	(primer with cleave) or (primer with	_	2002/06/11 17:29
Coligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage) or (oligonucleotide		3001			2002/00/21 11.23
Coligonucleotide with cleavage) or (oligonucleotide with cleavage) DERWENT; (oligonucleotide with cleavage) DERWENT; (US-PGPUB, EPO, JPO; DERWENT; (IBM TDB USPAT; US-PGPUB, EPO, JPO; DERWENT; (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) and (non-target or nontarget) DERWENT; (DERWENT; (Digonucleotide with cleavage) or (oligonucleotide					
(oligonucleotide with cleavage) non-target or nontarget ((primer with cleave) or (primer with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleave) or (oligonucleotide with cleavage) or (oligonucleotid					
- 17 ((primer with cleave) or (primer with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) and (non-target or nontarget) - 37254 polymerase 401 (((primer with cleavage)) and (non-target or nontarget) (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) and (non-target or nontarget) and polymerase USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB U]		(oligonucleotide with cleavage)	IBM TDB	
- 17 ((primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage)) same (non-target or nontarget) ((primer with cleavage)) same (non-target or nontarget) (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage)) and (non-target or nontarget) polymerase - 37254 - 401 (((primer with cleave) or (primer with cleaved) or (oligonucleotide with cleavage) and (non-target or nontarget)) and polymerase - 363281 - 78 ((((primer with cleave) or (primer with cleavage) or (oligonucleotide with cleavage) and (non-target or nontarget) and polymerase)	-	3934	non-target or nontarget		2002/06/11 17:29
- 17 ((primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage)) same (non-target or nontarget) ((primer with cleavage)) same (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) and (non-target or nontarget) - 37254 (((primer with cleave) or (primer with cleavage)) and (non-target or nontarget) polymerase (((primer with cleavage)) and (non-target or nontarget)) and polymerase (((primer with cleavage)) and (non-target or nontarget)) and polymerase ((((primer with cleavage)) and (non-target or nontarget)) and polymerase ((((primer with cleavage)) and (non-target or nontarget)) and polymerase ((((primer with cleavage)) and (non-target or nontarget)) and polymerase ((((primer with cleavage)) and (non-target or nontarget)) and polymerase) ((((primer with cleavage)) and (non-target or nontarget)) and polymerase) ((((primer with cleavage)) and (non-target or nontarget)) and polymerase) ((((primer with cleavage)) and (non-target or nontarget)) and polymerase) ((((primer with cleavage)) and (non-target or nontarget)) and polymerase) ((((primer with cleavage)) and (non-target or nontarget)) and polymerase) ((((primer with cleavage)) and (non-target or nontarget)) and polymerase) ((((primer with cleavage)) and (non-target or nontarget)) and polymerase) ((((primer with cleavage)) and (non-target or nontarget)) and (non-target or nontarget)) (((((primer with cleavage)) and (non-target)) (((((primer with cleavage))) and (non-target)) ((((((primer with cleavage))) and (((((((primer with cleavage)))) ((((((((((((((((((((((((((((((((
- 17 ((primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage)) same (non-target or nontarget) ((primer with cleavage)) same (cleaved) or (primer with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage)) and (non-target or nontarget) - 37254 - 401 (((primer with cleave) or (primer with cleaved) or (primer with cleavage)) and (primer with cleaved) or (primer with cleavage)) and (primer with cleavage)) - 363281 ((((primer with cleave) or (primer with cleavage)) and (primer with cleavage)) and (primer with cleavage)) and (primer with cleavage)) - 363281 ((((primer with cleavage)) and (primer with cleavage)) and (pri					
- ((primer with cleave) or (primer with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (primer with cleaved) or (primer with cleaved) or (oligonucleotide with cleaved) or (oligo	1	ĺ			
cleaved) or (primer with cleavage) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) same (non-target or nontarget) 488 (primer with cleave) or (primer with cleaved) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage)) and (non-target or nontarget) 5 2002/06/11 17:35 6 2002/06/11 17:35 6 2002/06/11 17:35 7 2002/06/11 17:35 7 2002/06/11 17:35 8 2002/06/11 17:35 8 2002/06/11 17:36 8 2002/06/11 17:36 8 2002/06/11 17:36 8 2002/06/11 17:36 8 2002/06/11 17:36 9 2002/06/11 17:36		1.77	(/		2002/06/11 17.25
(cligonucleotide with cleave) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) same (non-target or nontarget) (primer with cleaved) or (primer with cleaved) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) and (non-target or nontarget) (primer with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) and (non-target or nontarget)) and polymerase bridge or bridging 78 ((((primer with cleave) or (primer with cleavage) or (oligonucleotide with cleavage) or (oligonucleot	_	17		1	2002/06/11 17:35
Coligonuclectide with cleaved) or (coligonuclectide with cleavage)) same (non-target or nontarget) ((primer with cleave) or (primer with cleaved) or (coligonuclectide with cleavage) or (coligonuclectide with cleavage) or (coligonuclectide with cleavage) or (coligonuclectide with cleavage)) and (non-target or nontarget) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EP	1			1	
- 488 (oligonucleotide with cleavage)) same (non-target or nontarget) ((primer with cleave) or (primer with cleaved) or (oligonucleotide with					
(non-target or nontarget) ((primer with cleave) or (primer with cleaved) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage)) and (non-target or nontarget) - 37254 401 (((primer with cleave) or (primer with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget) - (((primer with cleave) or (primer with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase - 363281 - 78 ((((primer with cleave) or (primer with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase) ((((primer with cleave) or (primer with cleavage)) and (non-target or nontarget)) and (polymerase) (((((primer with cleave) or (primer with cleavage)) and (polymerase)) (((((((((primer with cleave) or (primer with cleavage)) and (polymerase)) ((((((((((((((((((((((((((((((((((
- 488 ((primer with cleave) or (primer with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (primer with cleaved) or (primer with cleaved) or (oligonucleotide with cleaved) or (o]			
(cligonuclectide with cleaved) or (cligonuclectide with cleavage)) and (non-target or nontarget) polymerase 401 (((primer with cleave) or (primer with cleaved) or (oligonuclectide with cleavage) or (oligonuclectide with cleavage) or (oligonuclectide with cleavage) or (oligonuclectide with cleavage) or (oligonuclectide with cleavage)) and (non-target or nontarget)) and polymerase bridge or bridging 78 ((((primer with cleave) or (primer with cleaved) or (oligonuclectide with cleavage)) or (oligonuclectide with cleavage) or (oligonuclectide with cleavage)) or (oligonuclectide with cleavage) and (non-target or nontarget)) and polymerase)	-	488		USPAT;	2002/06/11 17:35
(oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget) - 37254 401 (((primer with cleave) or (primer with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved)) and (non-target or nontarget)) and polymerase - 363281 bridge or bridging 78 (((((primer with cleave) or (primer with cleaved) or (oligonucleotide with cleaved) or (primer with cleaved) or (oligonucleotide with cleaved					
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- 401 (((primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase bridge or bridging 78 ((((primer with cleave) or (primer with cleaved) or (primer with cleaved) or (primer with cleaved) or (oligonucleotide with cleavage) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase) DERWENT; IBM_TDB USPAT; USPAT					
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- 401 (((primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase bridge or bridging 78 ((((primer with cleave) or (primer with cleaved) or (primer with cleavage)) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage) or (oligonucleotide with cleavage)) and (oligonucleotide with cleavage)) and (oligonucleotide with cleavage)) and (onn-target or nontarget)) and polymerase) 2002/06/11 17:36 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 2002/06/11 17:36 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 2002/06/11 17:40	1	1			
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78 ((((primer with cleave) or (primer with cleavage) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase)					0000/06/22 27 22
78 ((((primer with cleave) or (primer with Cleaved) or (primer with Cleavage) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase)	-	363281	bridge or bridging	í .	2002/06/11 17:36
78 ((((primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase) DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					94.5
78 ((((primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase) IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
78 ((((primer with cleave) or (primer with cleaved) or (primer with cleavage) or (oligonucleotide with cleaved) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase) 2002/06/11 17:40 USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB		Į.			
cleaved) or (primer with cleavage) or (oligonucleotide with cleave) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage) and (oligonucleotide with cleavage) and (non-target or nontarget)) and polymerase)		70	((()nrimer with cleave) or (nrimer with	****	2002/06/11 17:40
(oligonucleotide with cleave) or (oligonucleotide with cleaved) or (oligonucleotide with cleavage)) and (non-target or nontarget)) and polymerase)		'0			
(oligonucleotide with cleaved) or DERWENT; (oligonucleotide with cleavage)) and IBM_TDB (non-target or nontarget)) and polymerase)				1	
(oligonucleotide with cleavage)) and IBM_TDB (non-target or nontarget)) and polymerase)					
(non-target or nontarget)) and polymerase)					
and (hridge or hridging)			(non-target or nontarget)) and polymerase)		
land (nerade or nerading)			and (bridge or bridging)		

Search History 7/11/02 9:59:29 AM Page 2 C:\DRG files\East\workspaces\09-402-618-3.wsp

_	127	((((primer with cleave) or (primer with	USPAT;	2002/06/11 17:40
		cleaved) or (primer with cleavage) or	US-PGPUB;	
		(oligonucleotide with cleave) or	EPO; JPO;	
		(oligonucleotide with cleaved) or	DERWENT;	
		(oligonucleotide with cleavage)) and	IBM TDB	
		(non-target or nontarget)) and polymerase)	_	
		and @ay<1997		

Search strategies for prior art databases. Dates and databases used are indicated for each session.

FILE 'MEDLINE, BIOSIS, CAPLUS, CA' ENTERED AT 15:17:29 ON 07 JUN 2002

- 11 423 s fen-1
- 12 73376 s endonuclease
- 13 251 s 11 and 12
- 14 3797 s pyrococcus
- 15 26 s 13 and 14
- 16 11 dup rem 15 (15 duplicates removed)
- 8 s pyrococcus (3a) fen-1 (3a) endonuclease
- 4 dup rem 17 (4 duplicates removed)
- 7 s methanococcus (3a) fen-1 (3a) endonuclease
- 3 dup rem 19 (4 duplicates removed)
- 4 s archaeoglobus (3a) fen-1 (3a) endonuclease
- 2 dup rem 111 (2 duplicates removed)

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:47:26 ON 20 JUN 2002

- 11 146 s fen (4a) endonuclease
- 12 77 s fen (4a) nuclease
- 13 186 s 11 or 12
- 14 2721 s pyrococcus
- 15 2895 s methanococcus
- 16 639 s archaeoglobus
- 17 10 s 13 (s) 14
- 18 14 s 13 (s) 15
- 19 5 s 13 (s) 16
- 110 20 s 17 or 18 or 19
- 111 14 dup rem 110 (6 duplicates removed)
- 112 10 s 111 and py=<1998
- 0 s 111 and py = <1996

=>

FILE 'MEDLINE' ENTERED AT 15:41:01 ON 12 JUN 2002

- 11 1147 s primer (s) cleav?
- 12 2032 s oligonucleotide (s) cleav?
- 13 2936 s 11 or 12
- 14 903 s non-target

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15
        1028 s nontarget
16
        1911 s 14 or 15
17
         3 s 13 and 16
18
         3 dup rem 17 (0 duplicates removed)
19
      129923 s hybridiz?
110
         476 s 19 and 13
111
        73154 s amplif?
112
         441 s 111 and 13
113
        5294 s polymeras
114
          3 s 112 and 113
115
       185523 s polymeras?
        16527 s 12 and 115
116
117
         341 s 112 and 115
       309610 s detect or detection
118
119
         126 s 117 and 118
120
       439990 s virus or viral
121
          38 s 120 and 119
122
         38 dup rem 121 (0 duplicates removed)
123
         38 s 122
124
         28 s 122 and py=<1997
125
         191 s primer (s) cut
126
         143 s oligonucleotide (s) cut
127
         26 s polynucleotide (s) cut
         265 s polynucleotide (s) cleav?
128
        3482 s primer (s) restrict?
129
        1784 s primer (s) digest?
130
        2549 s oligonucleotide (s) restrict?
131
132
        1627 s oligonucleotide (s) digest?
         160 s polynucleotide (s) restrict?
133
134
         241 s polynucleotide (s) digest?
        9921 s 13 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or
135
        1623 s 135 and 118
136
137
        1201 s 136 and 115
138
         545 s 137 and product
139
        2509 s 135 (s) product
140
         598 s 139 and 118
141
         531 s 140 and 115
142
       439990 s virus or viral
143
         150 s 142 and 141
144
         1677 s 139 (8w) 115
         1677 s 139 (w) 115
145
         1118 s 139 (s) 115
146
         319 s 146 (s) 118
147
          79 s 147 (s) 120
148
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